

TRAFFIC IMPROVEMENT PROJECTS

2013-2015 PROJECTS

▲ TRAFFIC SIGNAL SYNCHRONIZATION

Traffic Signal Synchronization is a method of timing groups of traffic signals along an arterial to provide for smooth movement of traffic with minimal stops.

The City is working with the Orange County Transportation Authority as well as the cities of Irvine, Mission Viejo, Laguna Hills, and Rancho Santa Margarita on eight (8) synchronization projects across multi-jurisdictional boundaries. The projects will promote traffic circulation throughout the region.

Lake Forest Drive (4 intersections)
Los Alisos Boulevard (1 intersection)
Santa Margarita Parkway (1 intersection)
Bake Parkway (9 intersections)
Trabuco Road (8 intersections)
Jeronimo Road (5 intersections)
Barranca Parkway/Muirlands Boulevard (6 intersections)
Alton Parkway (6 intersections)

Completed Synchronized Corridors
Current Synchronized Projects

★ Traffic Signal Modification at Alton Parkway/Towne Centre Drive/Rancho Parkway South

The City closed the gap on Rancho Parkway South and is modifying the traffic signal at Alton Parkway/Towne Centre Drive/Rancho Parkway to improve traffic flow.

★ Rancho Parkway Traffic Signal and Sports Park Access Road

A new four-way signalized intersection on Rancho Parkway will provide access to the Lake Forest Sports Park.

★ Saddleback Ranch Road Traffic Calming Enhancements

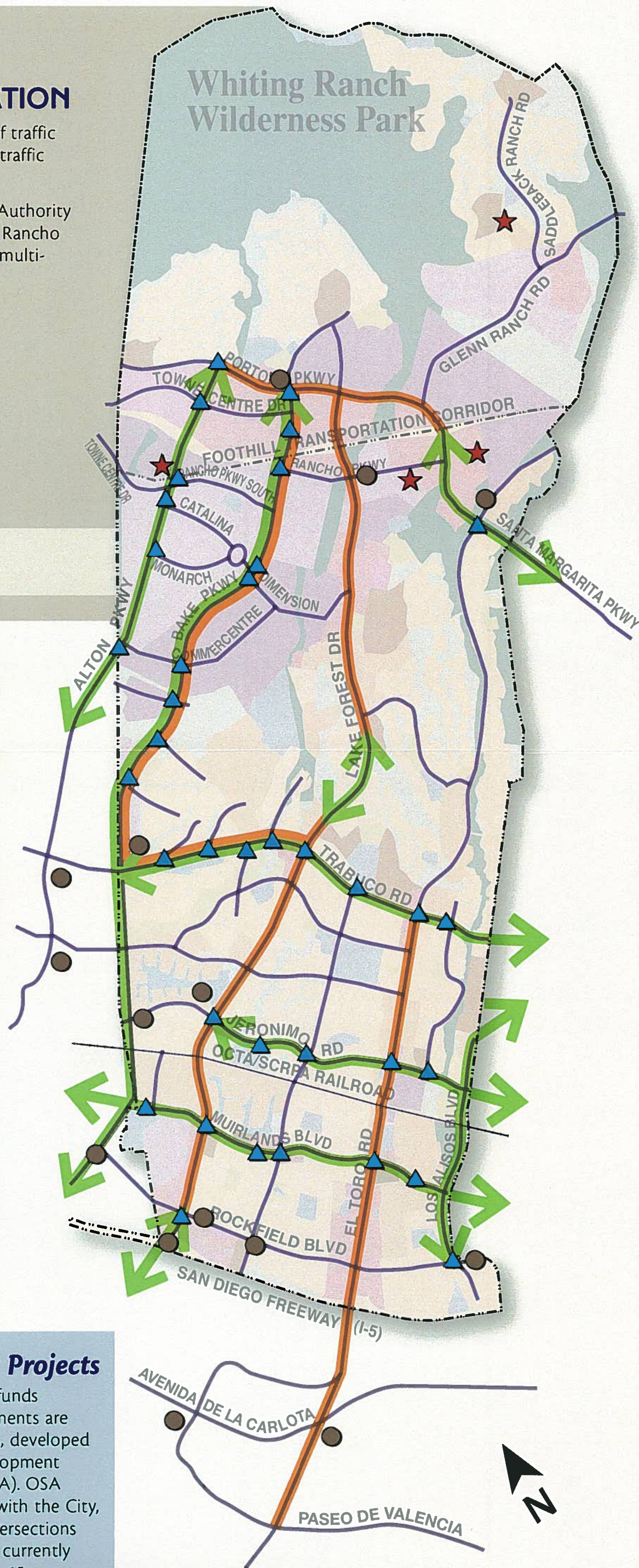
From Glenn Ranch Road to Ridgeline Road, the City will construct raised median islands, restripe street lanes, and implement parkway improvements to calm traffic.

★ Portola Parkway Widening Project

The City plans to widen Portola Parkway and add a third southbound lane on Portola Parkway between State Route 241 and Rancho Parkway.

● Upcoming Intersection Improvement Projects

The Lake Forest Transportation Mitigation program (LFTM) funds transportation improvements throughout the City. Improvements are identified by the Lake Forest Traffic Analysis Model (LFTAM), developed by the City to better understand the traffic impacts of development projects associated with the Opportunities Studies Area (OSA). OSA developers are required, through Development Agreements with the City, to fund the LFTM program to improve the roadways and intersections directly impacted by their development. The LFTM program currently includes approximately \$9 million worth of improvements to 15 intersections over the next several years as various development projects progress.



Map not to scale.